

Electronic Acknowledgement Receipt

EFS ID:	3504043
Application Number:	10788657
International Application Number:	
Confirmation Number:	3606
Title of Invention:	Apparatus and associated methods to introduce diversity in a multicarrier communication channel
First Named Inventor/Applicant Name:	Lei Shao
Customer Number:	45209
Filer:	Paul Mendonsa/Michelle Evans
Filer Authorized By:	Paul Mendonsa
Attorney Docket Number:	042390.P16330X
Receipt Date:	23-JUN-2008
Filing Date:	27-FEB-2004
Time Stamp:	19:41:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	5523
Deposit Account	022666
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	42P16330X_IDS_6-23-08.pdf	480757 6121bdc5c0955a5d5b7238e9c11036442904cd30	no	3
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	NPL Documents	42P16330_FOA_3-17-08.pdf	227650 e936bd03bd74623f1d1a14fe6c22623919581351db	no	7
Warnings:					
Information:					
3	NPL Documents	42P16330_FOA_9-20-07.pdf	191529 8bd41a8c08c9e7f6104cd4d8f9057e59fb398a30c	no	6
Warnings:					
Information:					
4	NPL Documents	42P16330_OA_04-20-07.pdf	491222 810ef9b3a5e7cd392e414ef5c19d4cd02f58a3c0	no	14
Warnings:					
Information:					
5	NPL Documents	Tirkkonen_Minimal_Non-Orthogonality_rate_1.pdf	323132 a5c0b0b3c0e6c1c1776b720976a9e6f1c35141a89	no	4
Warnings:					
Information:					
6	Fee Worksheet (PTO-06)	fee-info.pdf	8212 f1e340cd937096b054a476227210e1637107b02	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			1722502		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.